

WHAT IS CLAIMED IS:

1. An image sensing apparatus, which outputs electric charges being stored in a plurality of photoelectric converting elements disposed horizontally and vertically in a matrix as an electric signal, said image sensing apparatus comprising:

a plurality of vertical transmitting CCDs (charge coupled devices) for transmitting electric charges read out from said plurality of vertical transmitting CCDs in a vertical direction;

a horizontal transmitting CCD (charge coupled device) for transmitting the electric charges transmitted from said plurality of vertical transmitting CCDs in a horizontal direction and for outputting the electric charge to an external through an outputting section; and

an intercepting section of being able to intercept a part of electric charges being transmitted to a farther side from said outputting section of said horizontal transmitting CCD out of the electric charges transmitted from said plurality of vertical transmitting CCDs to said horizontal transmitting CCD,

said image sensing apparatus is characterized in that a picture signal obtained from a first area is outputted with being intercepted by said intercepting section in a first picture taking mode, and that another picture signal obtained from a second area being wider in a horizontal direction than said first area is outputted without being intercepted by said intercepting section in a second picture taking mode.

2. The image sensing apparatus in accordance with claim 1,

wherein said first picture taking mode is a motion picture taking mode for taking a motion picture signal and said second picture taking mode is a still picture taking mode for taking a still picture signal, said image sensing apparatus is further characterized in that a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said motion picture taking mode and in said still picture taking mode.

3. The image sensing apparatus in accordance with claim 1, wherein said first picture taking mode is a motion picture taking mode and said second picture taking mode is a high definition motion picture taking mode for taking a high definition motion picture signal of which a number of pixels per one frame is larger than that of said motion picture signal, said image sensing apparatus is further characterized in that a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said motion picture taking mode and in said high definition motion picture taking mode.

4. The image sensing apparatus in accordance with claim 1, wherein said first picture taking mode is a first still picture taking mode for taking a still picture signal and said second picture taking mode is a high definition still picture taking mode for taking a high definition still picture signal composed of a large number of pixels in comparison with said still picture signal, said image sensing apparatus is further characterized in that a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said first still picture

taking mode and in said second still picture taking mode.

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